

WORLD TRADE CENTER
CONTRACT NO. 3

ENGINEER: PHILIP M. BROWN
ELECTRICAL ENGINEER

1 8/23/99 AS-BID Approved

ENGINEERING DEPARTMENT
DESIGN DIVISION

WORLD
TRADE
CENTER

ELECTRICAL

Title
FIRE ALARM SYSTEM
DEVICE UPGRADE
PHASE III
1 WORLD TRADE CENTER
CONTRACT NO. 3
84th FLOOR
SMOKE DETECTOR
INSTALLATION AND
REMOVAL PLAN

This drawing subject to conditions in Contract. All
inventions, ideas, designs and methods herein are
reserved to Port Authority and may not be used
without its written consent.

S. FELDSTEIN F. BROWN A.S.
Designed by Drawn by Checked by

AUGUST 9, 1999
Date

WTC-881.176 E-084-3
Contract Number Drawing Number

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES, SEE DWG. E-1.
FOR INSTALLATION DETAILS, SEE DWG. E-2. FOR WIRING DIAGRAMS,
SEE DWG. E-3.
2. CONTRACTOR SHALL REMOVE EXISTING SMOKE DETECTORS ONLY
AFTER INSTALLED DEVICES ARE OPERATIONAL.
3. FOR REMOVAL AND PATCHING PLAN DETAILS (P-1, P-2, P-3
& P-4), SEE DWG. A-1.
4. FOR RETURN AIR SMOKE DETECTORS ARRANGEMENT AND NOTES,
SEE DWG. M-1.
5. SINCE FIRE ALARM CIRCUIT LENGTH IS CRITICAL, ROUTING AND
INSTALLATION OF ALL FIRE ALARM CIRCUITS SHALL BE AS SHOWN
ON DRAWING.
6. DISCONNECT AND ABANDON EXISTING SMOKE DETECTOR CIRCUITS IN
CEILING. TAPE ENDS OF ABANDONED CONDUCTORS AND TAG AS
ABANDONED. THIS WORK SHALL BE DONE IN THE PRESENCE OF THE
ENGINEER.
7. COORDINATE CONDUIT PENETRATION OF TENANT FIRE ALARM CONTROL
PANEL WITH TENANT FIRE ALARM CONTROL PANEL SERVICE VENDOR
THROUGH THE ENGINEER.

